FIG. 1

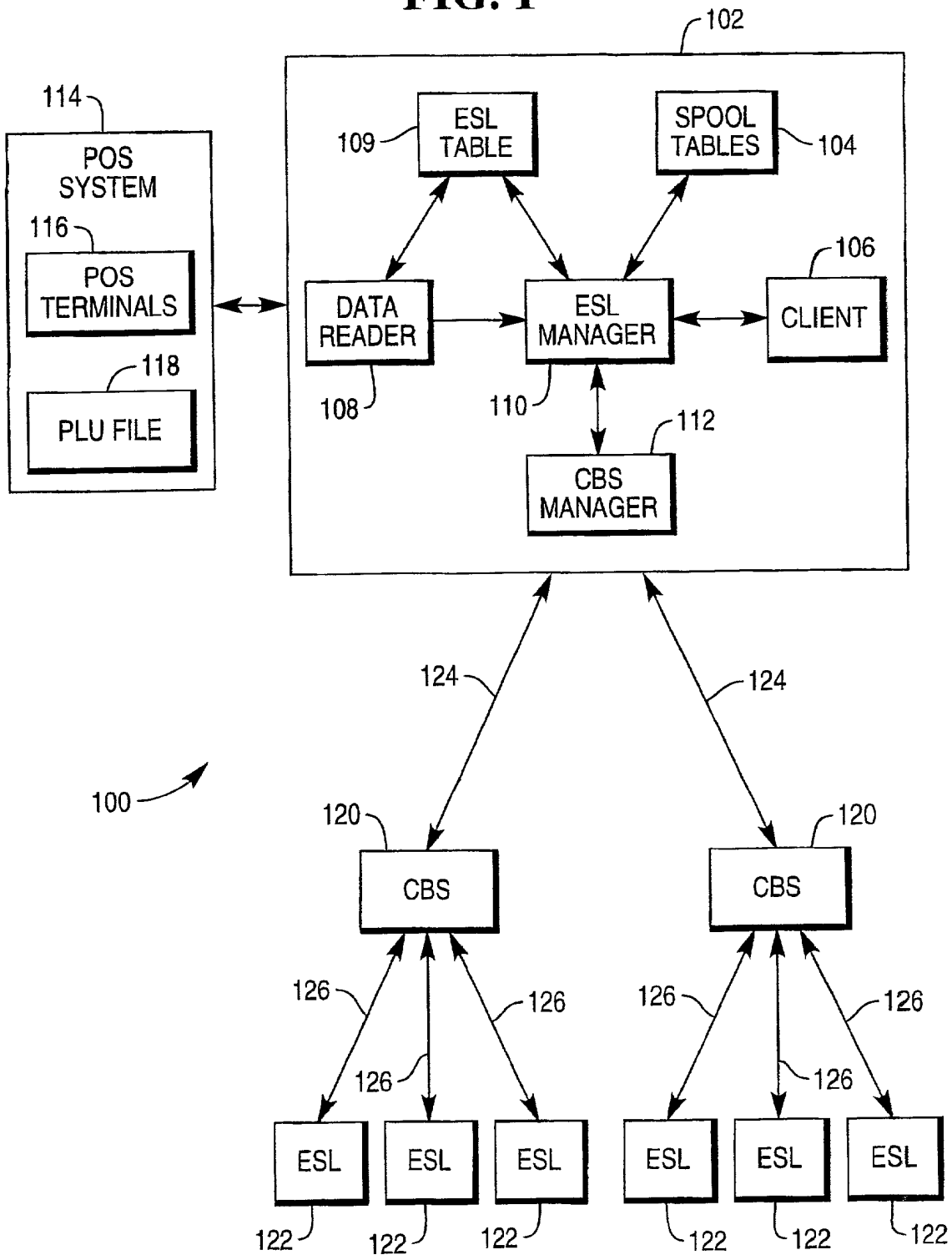

102
114
POS SYSTEM
116
POS TERMINALS
118
PLU FILE
109
ESL TABLE
SPOOL TABLES
104
106
DATA READER
ESL MANAGER
CLIENT
108
110
112
CBS MANAGER
124
124
100
120
120
CBS
CBS
126
126
126
126
126
126
ESL
ESL
ESL
ESL
ESL
ESL
122
122
122
122
122
122

FIG. 2

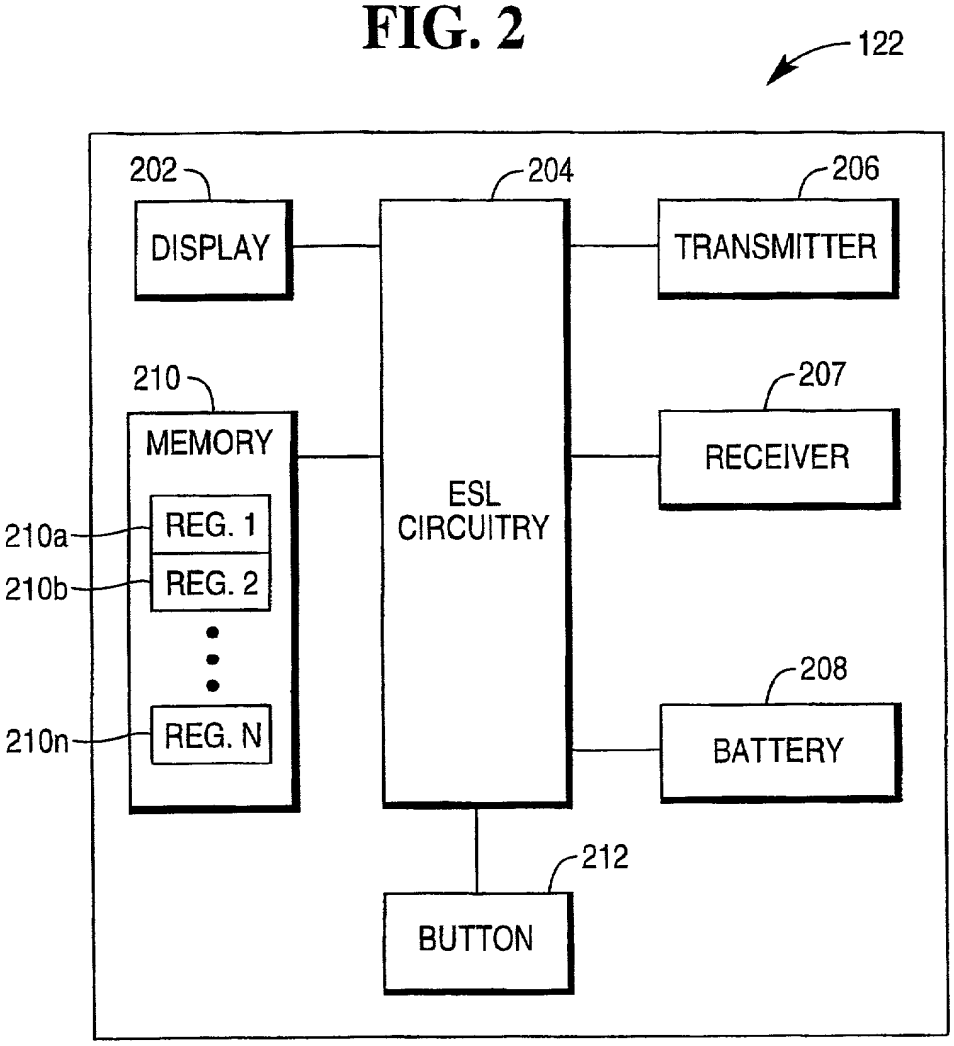

122
202
DISPLAY
204
206
TRANSMITTER
210
MEMORY
207
RECEIVER
210a
REG. 1
210b
REG. 2
ESL
CIRCUITRY
208
210n
REG. N
BATTERY
212
BUTTON

FIG. 3

	REG. NO.	REGISTER DATA	SEQUENCE REG. 1 (304)	SEQUENCE REG. 2 (306)	SEQUENCE REG. 3 (308)	SEQUENCE REG. 4 (310)	GROUP MASK (334)
302_1	1	2.50 .67	10	0	0	0	1
302_2	2	1.99 .50	0	10	0	0	1
302_3	3		0	0	0	0	1
302_4	4		0	0	0	0	1
302_5	5	YOU SAVE	0	5	0	0	1
302_6	6	0.51	0	5	0	0	1
302_7	7	WITH CARD	0	5	0	0	1
302_8	8	BUY TODAY	3	0	0	0	1
302_9	9		0	0	0	0	1
302_{10}	10		0	0	0	0	0
302_{11}	11		0	0	0	0	1
302_{12}	12		0	0	0	0	1
302_{13}	13		0	0	0	0	0
302_{14}	14	STOCK 153	0	0	255	6	1
302_{15}	15	BIB TODAY	0	0	0	6	1
302_{16}	16	UPDATING	0	0	0	0	1

CURRENT ACTIVE SEQUENCE (312)	CURRENT BUTTON SEQUENCE (314)
1	4

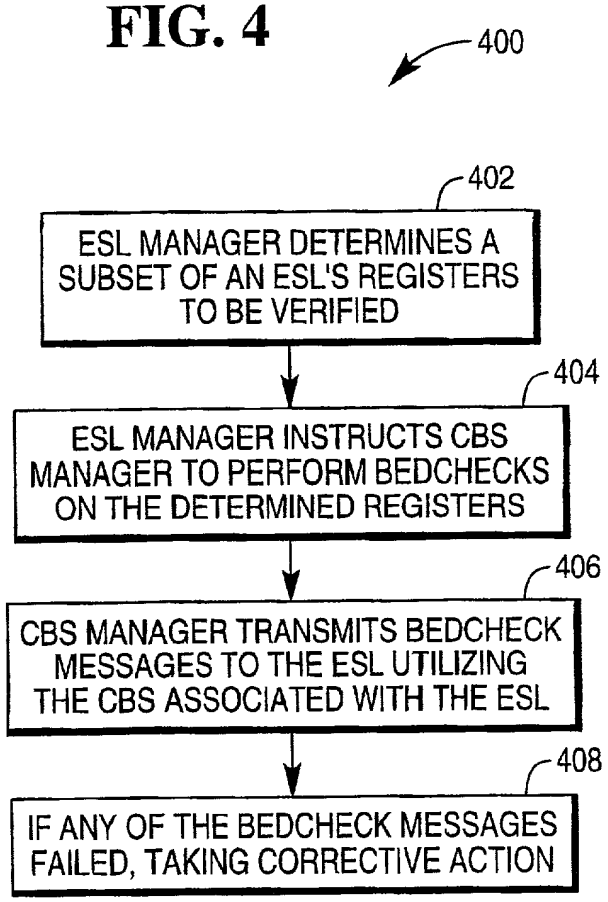
BUTTON ENABLED (316)
1

GROUP REGISTER	ID
1	15 (318)
2	25 (320)
3	101 (322)
4	500 (324)

	SCHEDULED SEQUENCE NUMBER	SCHEDULED SEQUENCE ENABLED	SCHEDULED SEQUENCE TIME	SCHEDULED SEQUENCE (326a)	SCHEDULED SEQUENCE DISPLAY (326b)
326	1	1	2001-08-31 15:00:00	2	1
328	2	0	--	--	--
330	3	1	2001-08-30 23:00:00	4	0
332	4	0	--	--	--

330a 330b

FIG. 4


400
402
ESL MANAGER DETERMINES A SUBSET OF AN ESL'S REGISTERS TO BE VERIFIED
404
ESL MANAGER INSTRUCTS CBS MANAGER TO PERFORM BEDCHECKS ON THE DETERMINED REGISTERS
406
CBS MANAGER TRANSMITS BEDCHECK MESSAGES TO THE ESL UTILIZING THE CBS ASSOCIATED WITH THE ESL
408
IF ANY OF THE BEDCHECK MESSAGES FAILED, TAKING CORRECTIVE ACTION